Tripp Lite
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Model #: OMNI650LCD

OmniSmart Digital UPS - Line-interactive UPS for personal computers, home entertainment systems and media centers

Highlights

- 650VA line interactive tower UPS
- Maintains 120V nominal output over an input range of 89 to 132V
- Workstation / media-center optimized features supported via USB port (HID-PDC compliant) and four surge-only outlets
- Large backlit LCD input voltage display with dimmer switch rotates for upright visibility in shelf or tower placement
- Input: NEMA 5-15P (120V 15A) / Output: 8 NEMA 5-15R (120V)
- 2 year product warranty / $200,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Description

Tripp Lite's OMNI650LCD Line-Interactive Digital UPS System offers voltage regulation, surge suppression and long-lasting battery support for personal computers, home entertainment systems and media centers. Internal UPS circuits support entry-level PCs for up to 40 min. or individual VCR/DVR components for as long as 2 hours during power failures. Prevents data loss, viewing interruptions, lost recordings and loss of component programming. Automatic Voltage Regulation (AVR) circuits regulate brownouts as low as 89v back to usable levels without consuming battery power. Offers complete power protection in an attractive black tower configuration. Includes 4 battery-supported/surge-protected outlets, plus 4 additional surge suppression-only outlets for items not requiring battery support. USB port enables optional unattended system shutdown without data loss in case of extended power failure. PowerAlert Software available via free download from www.tripplite.com. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in audible alarm and large LCD front panel voltage display indicates line power status, battery power status, battery low/replace status and voltage boost operation. The LCD display includes a dimmer switch and can be rotated for easy viewing in any application. 650VA/350W power handling ability supports entry-level PCs, home entertainment systems, network workstations, audio/video components. Offers 3.5 min. battery runtime with a full load of 650VA/350W and 12 min. with a half load of 325VA/175W. 2-year warranty; $200,000connected equipment insurance (USA & Canada Only).

Applications

- Entry-level PCs, networked workstations, point-of-sale equipment, small business phone systems, audio/video equipment and home theater systems. Ideal for sensitive electronic applications in areas where brownout conditions are common.

Package Includes

- OMNI650LCD Digital UPS System
- Manual with warranty information

Features

- LCD Display indicates input voltage, battery capacity and a variety of operating conditions. LCD Display includes a dimmer switch and is rotatable for easy viewing with UPS in either vertical or horizontal position.
- OMNI650LCD Digital Uninterruptible Power Supply offers voltage regulation, surge suppression and long-lasting battery support during blackouts
- Supports entry-level PCs up to 40 min. or single VCR/DVR components for up to 2 hours during blackouts

- Regulates brownouts as low as 89V back to usable levels without consuming battery power
- 4 UPS battery-supported/surge-protected outlets plus 4 additional surge suppression-only outlets
- USB port and PowerAlert software enables unattended shutdown in case of extended power failure
- HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X.
- PowerAlert Software available via free download from www.tripplite.com
- 650VA/350W power handling ability supports a variety of sensitive computer, home theater and other equipment
- 3.5 min. full load runtime (650VA/350W), 12 min. half-load runtime (325VA/175W)
- Cabinet adapts to tower format or rackmount shelf format. Rackmount (2U) format requires an optional shelf, available separately
- 2-year product warranty
- $200,000 connected equipment insurance (USA & Canada Only).

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	120
Frequency compatibility	60
OUTPUT	
Output VA	650
Output watts	350
Output nominal voltage	120VAC
Output voltage regulation	BATTERY MODE: PWM sine wave 115V +/-5%
Output frequency regulation	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
Outlet quantity / type	8 NEMA 5-15R
INPUT	
Maximum input amps	12A
Input connection type	NEMA 5-15P (right-angle plug)
Input cord length	6 ft./1.8 m
Recommended Electrical Service	120V 15A
BATTERY	
Full load runtime	3.5 min. (650VA/350W)
Half load runtime	12 min. (325VA /175W)
DC system voltage	12VDC
Typical battery lifespan	4-6 years (depending on usage)
Battery recharge rate	2-8 hours to 90%
VOLTAGE REGULATION	
Voltage regulation description	Line-interactive voltage regulation corrects brownouts as low as 89V back to usable values
Brownout correction	Input voltages between 89V and 104V are boosted by 14%
LEDS ALARMS & SWITCHES	
Front panel LEDs	Front panel LCD screen with blue backlight offers continuous input line voltage data, plus UPS status information on line power status, battery power status, battery charge level and voltage regulation operation
Alarms	Audible alarm with 15-second delay sounds to indicate loss of utility power. Alarm can be silenced by pressing front panel alarm cancel button. Once silenced, alarm will re-sound when approximately 2 minutes runtime remain.
Switches	Includes 2 front panel switches, one main on/off power switch and one dual-function alarm cancel/self test button
SURGE / NOISE SUPPRESSION	

AC surge suppression	480 joules
AC suppression response time	Instantaneous
Dataline suppression	-
EMI / RFI AC noise suppression	Yes
PHYSICAL	
Shipping weight (lbs)	15.6
Shipping weight (kg)	7.1
Shipping Dimensions (HWD/in)	6.5 x 15.5 x 11
Shipping Dimensions (HWD/cm)	16.5 x 39.4 x 27.9
Unit weight (lbs)	14.6
Unit weight (kg)	6.6
Unit Dimensions (HWD/in)	Tower format: 12 x 3.5 x 6.5 / Rackmount Shelf format: 3.5 x 12 x 6.5
Unit Dimensions (HWD/cm)	Tower format: 30.5 x 8.9 x 16.5 / Rackmount Shelf format 8.9 x 30.5 x 16.5
Material of construction	ABS
Form factors supported	Rack/Tower
Cooling method	Convection
ENVIRONMENTAL	
Relative Humidity	0 to 95%, non-condensing
Storage Temperature	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Operating Temperature	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
COMMUNICATIONS	
Network monitoring port	USB (HID)
Software and cabling included	PowerAlert Software available for free download at www.tripplite.com. USB cable is user supplied.
WatchDog compatibility	Yes, compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment; ideal for unattended kiosk applications
LINE / BATTERY TRANSFER	
Transfer time from line power to battery mode	2-4 milliseconds
Low voltage transfer to battery power	Switches to battery power as line voltage decreases to 89V or lower switches back to AC mode as line voltage increases to 94V or higher
High voltage transfer to battery power	Switches to battery mode as line voltage increases to 139V or higher, switches back to AC mode as line voltage decreases to 135V or lower
SPECIAL FEATURES	
Cold Start	Yes, inverter can be cold started to enable temporary AC output during a power failure
Appearance	Attractive black color scheme
CERTIFICATIONS	
Certifications	Tested to UL1778 (USA), CSA C22.2 No. 107.3 (Canada), NOM (Mexico), Class B (emissions)
WARRANTY	

Product Warranty Period	2-year product warranty
Connected Equipment Coverage	$200,000 connected equipment insurance (USA & Canada only)
Optional Coverage	3 Year : WEXT3-OMNI, 5 Year: WEXT5-OMNI

Related Items

Audio Cables		
CT120	Instant-Read- AC Outlet Circuit Tester	Qty: [optional]

Extended Warranties		
WEXT3-OMNI	3-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS	Qty: [optional]
WEXT5-OMNI	5-Year Extended Warranty - For OmniSmart, OmniPro, OmniVS	Qty: [optional]

Rack Accessories		
SRSHELF2P	2U Cantilever Fixed Shelf (60 lb / 27 kg capacity; 18 / 457 mm depth.)	Qty: [optional]

Software		
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	Qty: [optional]

Surge Protectors		
DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	Qty: [optional]
DNET1	Network Surge Suppressor - Essential protection for data and communication lines	Qty: [optional]
DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	Qty: [optional]

USB Hubs/Accessories		
U022-010	USB Cable - 10-ft. USB 2.0 AB Gold Device Cable	Qty: [optional]

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=3195.

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